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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/009,181	03/22/2002	Young-Kyun Ha	1462-P02748USO	6205

110 7590 06/30/2005

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EXAMINER

WORKU, NEGUSSIE

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 06/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/009,181

Applicant(s)

HA, YOUNG-KYUN

Examiner

Negussie Worku

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 March 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03/22/02 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: Detailed Action.

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 1-3 are objected to because of the following informalities: As shown in the claims 1-3 as submitted by applicant claimed "elements" are "numbered" or the description of the claimed elements in the claim does not need to be numbered. Therefore, appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3 are rejected under 35 U.S.C. 102(e) as being anticipated by Bannai et al. (USP 5,390,033).

With respect to claim 1, Bannai et al. discloses an automatic paper turning-over device (49 of fig 4) for a bound document adapted to an image scanning device (document scanner of fig 1) which scans and treats an image information of the sheet, and obtains a desired image from the treated image information, see (col.15, lines 1-10), the auto sheet-turning over device (turning over unit 49 of fig 2 to 4, col.26, lines 20-25) comprising: a transparent member (platen 8 of fig 1) consisting of a transparent

Art Unit: 2626

material such as a glass plate (platen 8 of fig 1, is a transparent member); a lifting means (spring 45 of fig 4) for the bound document, having a supporting member ((stop member 48 of fig 4), which is ratable about a pivot member at predetermined angle, for vertically lifting and descending a binding portion of the bound document spread out opposite to the transparent member (platen 8 of fig 1) by a cylinder portion while supporting the binding portion, and an elastic piece (elastic force of spring 45 of fig 4) mounted on the lower portion of the supporting member (48 of fig 4) for damping a pressure to the transparent member a pressing means having a pressing piece (47 of fig 4) pushing up the opposite sides of the binding portion of the bound document 9original to be read positioned on platen 8 of fig 1) while being lifted and descended so that a scanning face of the bound document may be in closely contact with the transparent member (platen 8 of fig 1), an elastic piece mounted coaxially with the pressing (47 of fig 4) piece, and a cylinder portion (pipe 43 of fig 4) for lifting and descending the pressing piece (47 of fig 1) and the elastic piece a sheet-turning over means (49 of fig 4) having a sheet-lifting section mounted to lift the scanned out sheet about the bound document , and a sheet-turning over portion (49 of fig 4) for reciprocating a turning over bar in the space defined by the sheet-lifting section to turn over the sheet; and controller (motor 60 of fig 3) controlling series of lifting, pressing and sheet-turning over processes of the bound document, see (col.16, lines 50-55).

With respect to claim 2, Bannai et al. discloses an automatic paper turning-over device (49 of fig 4), wherein balance weight mounted the supporting member (supporting member 91 of fig 1) promote supporting member.

With respect to claim 3, Bannai et al. discloses an automatic paper turning-over device (49 of fig 4), wherein the sheet-lifting section (49 of fig 4), comprises any of the following portions consisting of suction portion for sucking the sheet using a vacuum or an electrostatic force, see col.18, lines 15-18), and a roller portion (105 and 106 of fig 1) for lifting the sheet using a friction between the sheet and the outer periphery thereof, see (col.18, lines 57-65).


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Negussie Worku whose telephone number is 571-272-7472. The examiner can normally be reached on 9am-6pm.

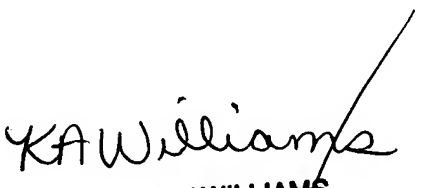
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2626

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Negussie Warku  
Patent Examiner  
Art Unit 2626  
June 22, 2005

  
KIMBERLY WILLIAMS  
SUPERVISORY PATENT EXAMINER